

Isoline
ISOLINE 1690MM 4K WD E3 8C
0042530



Product features

- Isoline LED linear luminaire with 3hr integrated emergency function for industrial and commercial applications. 1690 mm length with wide optics provide homogeneous light distribution for open areas. Aluminium housing, RAL 9016. Max + 35 °C operating temperature range, 4000 K, CRI 80, UGR <25, 3 SDCM. 60 W power consumption, 8150 lm luminous flux, 136 lm/W efficacy, 1690 mm x 62 mm x 59 mm (L x W x H) dimensions, IP20, IK03, 220-240 V 50/60 Hz, Class I. Lifespan L70:B50 60,000 hours.



PRODUCT OVERVIEW

Product name	ISOLINE 1690MM 4K WD E3 8C
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Suspended
Fixture rating	Enclosed
General application	Logistics & Industry
ETIM Class	EC000986
Warranty	5 years
Fixture luminous flux (lm)	8150
Luminous flux (lm)	8150
Luminaire efficacy (lm/W)	136
Colour temperature (K)	4000
Colour Code	840
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	90
Glare control	< 25
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	637
Total power consumption (W)	60
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK03
Product EAN number	5410288425306

Table 1: Beam diameter and illuminance for C0-C180 and C90-C270 beam configurations (Left)

Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	0.96	8100 8100 8100
1.0	1.72	278 278 278
1.5	2.58	123 123 123
2.0	3.44	69 69 69
2.5	4.30	44 44 44
3.0	5.16	31 31 31

Table 2: Beam diameter and illuminance for C0-C180 and C90-C270 beam configurations (Right)

Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	0.96	14141 14141 14141
1.0	1.72	3551 3551 3551
1.5	2.58	1972 1972 1972
2.0	3.44	866 866 866
2.5	4.30	444 444 444
3.0	5.16	290 290 290

Legend:
 Distance [m] Cone diameter [m]
 — C0 - C180 (Half beam angle: 51.6°)
 — C90 - C270 (Half beam angle: 51.4°)

Beam Spread Diagrams:
 The diagrams show the beam spread for C0-C180 (blue) and C90-C270 (red) configurations. The yellow shaded area represents the beam spread. The diagrams include a scale for distance in meters (0 to 3.0) and a scale for illuminance in lux (100 to 1000). The diagrams are labeled with C0 - C180 and C90 - C270, and the illuminance scale is labeled as 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000.